

INTERNATIONAL SEARCH REPORT

International Application No
PCT/FR2004/050335

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H01L21/60 G03F7/00 H01L21/68		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 H01L G03F		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2001/002044 A1 (BALL MICHAEL B ET AL) 31 May 2001 (2001-05-31) paragraphs '0035!, '0036!, '0041!; figures 4B,6	1,17
A	SOURIAU J-C ET AL: "Electrical conductive film for Flip-Chip interconnection based on z-axis conductors" 2002, 2002 PROCEEDINGS 52ND. ELECTRONIC COMPONENTS AND TECHNOLOGY CONFERENCE. ECTC 2002. SAN DIEGO, CA, MAY 28 - 31, 2002, PROCEEDINGS OF THE ELECTRONIC COMPONENTS AND TECHNOLOGY CONFERENCE, NEW YORK, NY: IEEE, US, VOL. CONF. 52, PAGE(S) 1151-1153 , XP002244362 ISBN: 0-7803-7430-4 the whole document	1,6,17
	-/-	
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed		
T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family		
Date of the actual completion of the international search	Date of mailing of the international search report	
30 May 2005	08/06/2005	
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Ahlstedt, M	

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/FR2004/050335

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 135 606 A (KATO TOMOAKI ET AL) 4 August 1992 (1992-08-04) column 33, line 1 - line 59; figures 31A, 31B, 31C; table 3 column 7, line 47 - line 51; figures 3A-3F column 38, line 34 - line 42; figure 35B -----	1-3, 6, 9-11, 16
A	EP 1 270 694 A (NITTO DENKO CORP) 2 January 2003 (2003-01-02) paragraphs '0005!, '0006!, '0012!, '0045! - '0048!; figure 1 -----	1, 17
A	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 07, 31 March 1999 (1999-03-31) -& JP 07 320543 A (WHITAKER CORP:THE), 8 December 1995 (1995-12-08) abstract; figure 4 -----	1-4
A	WO 02/093991 A (DELAMARCHE EMMANUEL ;GEISSLER MATTHIAS (CH); MICHEL BRUNO (CH); SC) 21 November 2002 (2002-11-21) page 2, line 18 - page 3, line 20 -----	7
A	US 6 453 553 B1 (MASSIT CLAUDE ET AL) 24 September 2002 (2002-09-24) column 6, line 38 - line 53; figure 6A -----	1-3
A	US 6 228 689 B1 (LIU HERMEN) 8 May 2001 (2001-05-08) figures 3A-3G -----	1-3

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/FR2004/050335

Patent document cited in search report	Publication date	Patent family member(s)			Publication date
US 2001002044	A1	31-05-2001	NONE		
US 5135606	A	04-08-1992	JP 3283373 A JP 2808164 B2 JP 3283374 A JP 2796872 B2 JP 3283375 A JP 3000225 B2 JP 3283377 A JP 2961221 B2 JP 3283378 A JP 2995490 B2 JP 4101371 A JP 2573072 B2 JP 3182080 A JP 2573073 B2 JP 3182083 A JP 3194867 A	13-12-1991 08-10-1998 13-12-1991 10-09-1998 13-12-1991 17-01-2000 13-12-1991 12-10-1999 13-12-1991 27-12-1999 02-04-1992 16-01-1997 08-08-1991 16-01-1997 08-08-1991 26-08-1991	
EP 1270694	A	02-01-2003	EP 1270694 A1 US 6890617 B1 WO 0151580 A1 US 2005074578 A1	02-01-2003 10-05-2005 19-07-2001 07-04-2005	
JP 07320543	A	08-12-1995	NONE		
WO 02093991	A	21-11-2002	WO 02093991 A1 JP 2004527133 T TW 546670 B	21-11-2002 02-09-2004 11-08-2003	
US 6453553	B1	24-09-2002	FR 2766618 A1 EP 1008176 A1 WO 9905717 A1 JP 2001511602 T	29-01-1999 14-06-2000 04-02-1999 14-08-2001	
US 6228689	B1	08-05-2001	NONE		